

1/1 - (C) FILE CA

AN - 131:51823 CA

ED - Entered STN: 17 Jul 1999

TI - Organic electroluminescent device using fluoranthene derivative

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PA - Mitsui Chemicals Inc., Japan

SO - Jpn. Kokai Tokkyo Koho, 27 pp.

CODEN: JKXXAF

DT - Patent

LA - Japanese

IC - ICM H05B033-22

ICS C09K011-06; H05B033-14

CC - 73-11 (Optical, Electron, and Mass Spectroscopy and Other Related Properties)

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PN - JP11149987	A2	19990602	JP 1997-317031	19971118

PRAI- JP 1997-317031 19971118

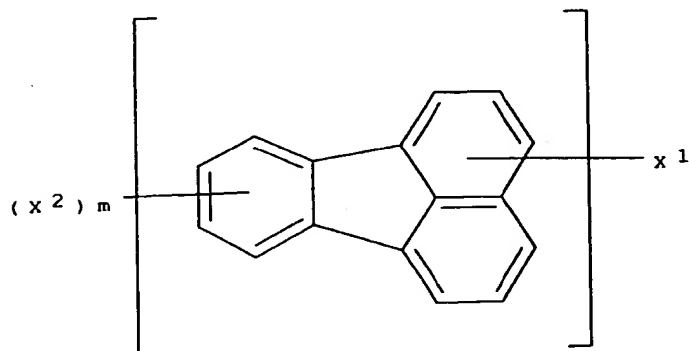
CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
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JP 11149987	ICM	H05B033-22
	ICS	C09K011-06; H05B033-14

OS - MARPAT 131:51823

GI



AB The device has .gtoreq.1 layer contg. .gtoreq.1 fluoranthene derivs.
 I [X1 = (substituted) N-carbozoyl, (substituted) N-phenoxazinyl,
 (substituted) phenothiazinyl; X2 = (substituted) N-carbazoyl,
 (substituted) N-phenoxazinyl, (substituted) phenozhiazinyl, NAr1Ar2;
 Ar1, Ar2 = (substituted) aryl; m = 0, 1] sandwiched between a pair
 of electrodes. The device shows prolonged life.

ST electroluminescent device fluoranthene deriv prolonged life

- IT Electroluminescent devices
(electroluminescent device having layer contg. fluoranthene deriv. sandwiched between electrodes)
- IT 233588-87-9
RL: DEV (Device component use); USES (Uses)
(electroluminescent device having layer contg. fluoranthene deriv. sandwiched between electrodes)
- IT 227313-61-3 227313-62-4 227313-63-5 227313-64-6 227313-65-7
227313-66-8 227313-67-9 227313-68-0 227313-69-1 227313-70-4
227313-71-5 227313-72-6 227313-73-7 227313-74-8 227313-75-9
227313-76-0 227313-77-1 227313-78-2 227313-79-3 227313-80-6
227313-81-7 227313-82-8 227313-83-9 227313-84-0 227313-85-1
227313-86-2 ***227313-87-3*** 227313-88-4 227313-89-5
227313-90-8 227313-91-9 227313-92-0 227313-93-1 227313-94-2
227313-95-3 227313-96-4
RL: DEV (Device component use); TEM (Technical or engineered material use); USES (Uses)
(electroluminescent device having layer contg. fluoranthene deriv. sandwiched between electrodes)
- IT 2085-33-8, Tris(8-quinolinolato)aluminum
RL: DEV (Device component use); TEM (Technical or engineered material use); USES (Uses)
(light-emitting; in electroluminescent device having layer contg. fluoranthene deriv. sandwiched between electrodes)
- IT 51325-05-4, Poly(thiophene-2,5-diyl) 124729-98-2
RL: DEV (Device component use); TEM (Technical or engineered material use); USES (Uses)
(pos. hole-transporting; in electroluminescent device having layer contg. fluoranthene deriv. sandwiched between electrodes)

N 8-Fluorantheneamine, 4-(9H-carbazol-9-yl)-N,N-bis(4-ethylphenyl)-
(9CI)

MF C44 H34 N2

